



Sheet 1 of 25

Form PTO-1449 Modified

List of Patent and Publications
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(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0206

Serial No.
10/675,409

Applicant
James Douglas Mollenkopf

Filing Date
September 30, 2003

Group
2631

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
JL	1	1,547,242	07/28/25	M. E. Strieby		
	2	2,298,435	10/13/42	Tunick	250	15
	3	2,577,731	12/11/51	F.C. Berger	179	2.5
	4	3,369,078	02/13/68	Stradley	179	2.5
	5	3,445,814	05/20/69	Spalti	340	151
	6	3,605,009	09/14/71	Enge	323	93
	7	3,641,536	02/08/72	Prosprich	340	870.15
	8	3,656,112	04/11/72	Paull	340	151
	9	3,696,383	10/03/72	Oishi et al.	340	310
	10	3,702,460	11/07/72	Blose	340	150
	11	3,810,096	05/07/74	Kabat et al.	340	147 R
	12	3,846,638	11/05/74	Wetherell	307	3
	13	3,895,370	07/15/75	Valentini	340	310
	14	3,911,415	10/07/75	Whyte	340	310
	15	3,942,168	03/02/76	Whyte	340	310.01
	16	3,942,170	03/02/76	Whyte	340	310
	17	3,962,547	06/08/76	Pattantyus-Abraham	179	2.5 R
	18	3,964,048	06/15/76	Lusk et al.	340	310 R
	19	3,967,264	06/29/76	Whyte et al.	340	310.08

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Examiner Initial		Document No.	Date	Name	Class	Subclass
✓	20	3,973,087	08/03/76	Fong	179	170 R
	21	3,973,240	08/03/76	Fong	340	151
	22	3,993,110	01/18/77	Whyte	179	170 J
	23	4,004,110	01/18/77	Whyte	179	170 J
	24	4,012,733	03/15/77	Whyte	340	310
	25	4,016,429	04/05/77	Vercellotti et al.	307	149
	26	4,053,876	10/11/77	Taylor	340	529
	27	4,057,793	11/08/77	Johnson et al.	340	310 R
	28	4,060,735	11/29/77	Pascucci et al.	307	3
	29	4,070,572	01/24/78	Summerhayes	250	199
	30	4,119,948	10/10/78	Ward et al.	340	870.02
	31	4,142,178	02/27/79	Whyte et al.	340	310
	32	4,188,619	02/12/80	Perkins	340	310 R
	33	4,239,940	12/16/80	Dorfman	179	2.51
	34	4,250,489	02/10/81	Dudash et al.	340	147 T
	35	4,254,402	03/03/81	Perkins	340	310 R
	36	4,263,549	04/21/81	Toppeto	324	127
	37	4,268,818	05/19/81	Davis et al.	340	870.38
✓	38	4,323,882	04/06/82	Gajjer	340	310 R

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Examiner Initial		Document No.	Date	Name	Class	Subclass
✓	39	4,357,598	11/02/82	Melvin, Jr.	340	310 A
	40	4,359,644	11/16/82	Foord	307	40
	41	4,367,522	01/04/63	Forstbauer et al.	363	137
	42	4,383,243	05/10/83	Krügel et al.	340	310 R
	43	4,386,436	5/1983	Kocher et al.	455	151.4
	44	4,408,186	10/04/83	Howell	340	310 A
	45	4,409,542	10/11/83	Becker et al.	324	57 Q
	46	4,413,250	11/01/83	Porter et al.	340	310.01
	47	4,419,621	12/06/83	Becker et al.	324	51
	48	4,433,284	02/21/84	Perkins	323	361
	49	4,442,492	04/10/84	Karlsson et al.	364	464
	50	4,457,014	06/26/84	Bloy	381	98
	51	4,468,792	08/28/84	Baker et al.	375	45
	52	4,471,399	09/11/84	Udren	361	64
	53	4,473,816	09/25/84	Perkins	340	310
	54	4,473,817	09/25/84	Perkins	340	310
	55	4,475,209	10/02/84	Udren	375	4
	56	4,479,033	10/23/84	Brown et al.	179	2.51
✓	57	4,481,501	11/06/84	Perkins	340	310

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U. S. PATENT DOCUMENTS						
Examiner Initial		Document No.	Date	Name	Class	Subclass
	58	4,495,386	01/22/85	Brown et al.	455	402
	59	4,517,548	05/14/85	Ise et al.	340	310 R
	60	4,569,045	02/04/86	Schieble et al.	370	85
	61	4,599,598	07/08/86	Komoda et al.	340	310 A
	62	4,638,298	01/20/87	Spiro	370	392
	63	4,642,607	02/10/87	Strom et al.	340	310
	64	4,644,321	02/17/87	Kennon	340	310 A
	65	4,652,855	03/19/87	Weikel	340	310
	66	4,675,648	06/23/87	Roth et al.	340	310.07
	67	4,683,450	07/28/87	Max et al.	333	202
	68	4,686,382	08/11/87	Shuey	307	149
	69	4,686,641	08/11/87	Evans	364	580
	70	4,697,166	09/29/87	Warnagiris et al.	340	310 R
	71	4,701,945	10/20/87	Pedigo	379	66
	72	4,724,381	02/09/88	Crimmins	324	127
	73	4,745,391	05/17/88	Gajjar	340	310 A
	74	4,746,897	05/24/88	Shuey	340	310 R
	75	4,749,992	06/07/88	Fitzmeyer et al.	340	870.02
V	76	B1 4,749,992	06/11/96	Fitzmeyer et al.	340	870.02

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
✓	77	4,766,414	08/23/88	Shuey	340	310 A
	78	4,772,870	09/20/88	Reyes	340	310 R
	79	4,785,195	11/15/88	Rochelle et al.	307	18
	80	4,800,363	01/24/89	Braun et al.	340	310 A
	81	4,835,517	05/30/89	van der Gracht et al.	340	310 A
	82	4,903,006	02/02/90	Boomgaard	340	310 A
	83	4,904,996	02/27/90	Fernandes	340	870.07
	84	4,912,553	03/27/90	Pal et al.	358	86
	85	4,973,940	11/27/90	Sakai et al.	340	310 R
	86	4,979,183	12/18/90	Cowart	375	142
	87	5,006,846	04/09/91	Granville et al.	340	870.28
	88	5,066,939	11/19/91	Mansfield, Jr.	340	310 R
	89	5,068,890	11/26/91	Nilssen	379	90
	90	5,148,144	09/15/92	Sutterlin et al.	340	310 A
	91	5,151,838	09/29/92	Dockery	340	310 R
	92	5,185,591	02/09/93	Shuey	340	310 A
	93	5,191,467	03/02/93	Kapany et al.	359	341
✓	94	5,210,519	05/11/93	Moore	340	310
	95	5,257,006	10/26/93	Graham et al.	340	310A

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U. S. PATENT DOCUMENTS						
Examiner Initial		Document No.	Date	Name	Class	Subclass
✓	96	5,272,462	12/21/93	Teyssandier et al.	340	310.01
	97	5,301,208	04/05/94	Rhodes	375	36
	98	5,319,634	06/07/94	Bartholomew et al.	370	18
	99	5,351,272	09/27/94	Abraham	375	38
	100	5,359,625	10/25/94	Vander Mey et al.	375	1
	101	5,369,356	11/29/94	Kinney et al.	324	142
	102	5,375,141	10/20/94	Takahashi	375	1
	103	5,406,249	04/11/95	Pettus	340	310.06
	104	5,410,720	04/25/95	Osterman	725	150
	105	5,426,360	06/20/95	Maraio et al.	324	126
	106	5,432,841	07/11/95	Rimer	455	457
	107	5,448,229	09/05/95	Lee, Jr.	340	870.02
	108	5,461,629	10/24/95	Sutterlin et al.	371	30
	109	5,477,091	12/19/95	Fiorina et al.	307	66
	110	5,481,249	01/02/96	Sato	340	2.1
	111	5,485,040	01/16/96	Sutterlin	307	3
	112	5,497,142	03/05/96	Chaffanjon	340	310.06
✓	113	5,498,956	03/12/96	Kinney et al.	324	142
✓	114	5,533,054	07/02/96	DeAndrea et al.	375	286
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TC	115	5,559,377	09/24/96	Abraham	307	104
	116	5,579,221	11/26/96	Mun	364	188
	117	5,579,335	11/26/96	Sutterlin et al.	375	200
	118	5,592,482	01/07/97	Abraham	348	8
	119	5,598,406	01/28/97	Albrecht et al.	370	296
	120	5,616,969	04/01/97	Morava	307	91
	121	5,625,863	04/29/97	Abraham	455	3.3
	122	5,630,204	05/13/97	Hylton et al.	455	3.3
	123	5,640,416	06/17/97	Chalmers	375	147
	124	5,664,002	09/02/97	Skinner, Sr.	379	56.2
	125	5,684,450	11/04/97	Brown	340	310.02
	126	5,691,691	11/25/97	Merwin et al.	340	310.02
	127	5,694,108	12/02/97	Shuey	340	310.01
	128	5,705,974	01/06/98	Patel et al.	340	310.08
	129	5,712,614	01/27/98	Patel et al.	340	310.03
	130	5,717,685	02/10/98	Abraham	370	30
	131	5,726,980	03/10/98	Rickard	370	293
	132	5,748,671	05/05/98	Sutterlin et al.	375	206
✓	133	5,770,996	06/23/98	Severson et al.	340	310.08
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JC	134	5,774,526	06/30/98	Propp et al.	379	90.1
	135	5,777,544	07/07/98	Vander Mey et al.	340	310.06
	136	5,777,545	07/07/98	Patel et al.	341	310.06
	137	5,777,769	07/07/98	Coutinho	359	173
	138	5,778,116	07/07/98	Tomich	385	16
	139	5,796,607	08/18/98	Le Van Suu	364	140.01
	140	5,802,102	09/01/98	Davidovici	375	152
	141	5,805,053	09/08/98	Patel et al.	340	310.01
	142	5,818,127	10/06/98	Abraham	307	106
	143	5,818,821	10/06/98	Schurig	370	293
	144	5,828,293	10/27/98	Rickard	340	310.04
	145	5,835,005	11/10/98	Furukawa et al.	340	310.01
	146	5,847,447	12/08/98	Rozin et al.	257	678
	147	5,856,776	01/05/99	Armstrong et al.	340	310.01
	148	5,864,284	01/26/99	Sanderson et al.	340	310.01
	149	5,870,016	02/1999	Shresthe	340	310.01
	150	5,880,677	03/09/99	Lestician	340	825.06
	151	5,881,098	03/09/99	Tzou	375	152
✓	152	5,892,430	04/06/99	Wiesman et al.	340	310.01

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✓	153	5,929,750	07/27/99	Brown	340	310.02
✓	154	5,933,071	08/03/99	Brown	340	310.01
	155	5,933,073	08/03/99	Shuey	340	310.07
	156	5,937,003	08/10/99	Sutterlin et al.	375	208
	157	5,937,342	08/10/99	Kline	455	402
	158	5,949,327	09/07/99	Brown	340	310.01
	159	5,952,914	09/14/99	Wynn	340	310.01
	160	5,963,585	10/05/99	Omura et al.	375	207
	161	5,977,650	11/02/99	Rickard et al.	307	3
	162	5,978,371	11/02/99	Mason, Jr. et al.	370	389
	163	5,982,276	11/09/99	Stewart	340	310.01
	164	5,994,998	11/30/99	Fisher et al.	340	310.01
	165	5,994,999	11/30/99	Ebersohl	340	310.01
	166	6,014,386	01/11/00	Abraham	370	485
	167	6,023,106	02/08/00	Abraham	307	3
	168	6,037,678	03/14/00	Rickard	307	89
	169	6,037,857	03/14/00	Behrens et al.	340	310.03
✓	170	6,040,759	03/21/00	Sanderson	340	310.01
	171	6,091,932	07/18/00	Langlais	455	5.1

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P	172	6,104,707	08/15/00	Abraham	370	295
	173	6,130,896	10/10/00	Lueker et al.	370	469
	174	6,140,911	10/2000	Fisher et al.	340	310.01
	175	6,141,634	10/31/00	Flint et al.	703	018
	176	6,144,292	11/07/00	Brown	340	310.02
	177	6,151,330	11/21/00	Liberman	370	449
	178	6,157,292	12/05/00	Piercy et al.	340	310.01
	179	6,172,597 B1	01/09/01	Brown	340	310.02
	180	6,175,860	01/16/01	Gaucher	709	208
	181	6,177,849 B1	01/23/01	Barsellotti et al.	333	177
	182	6,212,658 B1	04/03/01	Le Van Suu	714	749
	183	6,226,166 B1	05/01/01	Gumley et al.	361	118
	184	6,229,434 B1	05/08/01	Knapp et al.	340	310.01
	185	6,239,722 B1	05/29/01	Colton et al.	340	870.02
	186	6,243,571	06/05/01	Bullock et al.	455	402
	187	6,282,405 B1	08/28/01	Brown	725	79
	188	6,297,729 B1	10/02/01	Abali et al.	340	310.01
V	189	6,297,730 B1	10/02/01	Dickinson	340	310.01
	190	6,313,738	11/06/01	Wynn	340	310.03

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✓	191	6,317,031 B1	11/13/01	Rickard	340	310.03
	192	6,331,814 B1	12/18/01	Albano et al.	340	310.01
	193	6,373,376 B1	04/16/02	Adams et al.	340	310.01
	194	6,396,391 B1	05/02	Binder	340	310.01
	195	6,396,392 B1	05/28/02	Abraham	340	310.01
	196	6,404,773 B1	06/11/02	Williams et al.	370	463
	197	6,407,987 B1	06/18/02	Abraham	370	295
	198	6,414,578 B1	07/02/02	Jitaru	336	170
	199	6,417,762 B1	07/09/02	Comer	340	310.01
	200	6,425,852 B1	07/30/02	Epstein et al.	600	13
	201	6,441,723 B1	08/27/02	Mansfield, Jr. et al.	340	310.01
	202	6,449,318	09/10/02	Rumbaugh	375	309
	203	6,452,482 B1	09/17/02	Cern	340	310.01
	204	6,480,510 B1	11/12/02	Binder	370	502
	205	6,486,747 B1	11/26/02	DeCramer et al.	333	25
	206	6,492,897 B1	12/10/02	Mowery, Jr.	340	310.01
	207	6,496,104 B2	12/17/02	Kline	340	310.01
	208	6,504,357 B1	01/07/03	Hemminger et al.	340	310.01
✓	209	6,507,573	01/14/03	Brandt et al.	370	335

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PL	210	6,515,485	02/04/03	Bullock et al.	324	601
	211	6,522,626	02/18/03	Greenwood	370	208
	212	6,549,120	04/15/03	deBuda	340	310.01
	213	6,577,231	06/10/03	Litwin, Jr. et al.	340	310.01
	214	6,590,493	07/08/03	Rasimas	340	310.01
	215	6,611,134	08/26/03	Chung	324	74
	216	2001/0052843 A1	12/20/01	Wiesman et al.	340	310.01
	217	2001/0054953 A1	12/27/01	Kline	340	310.01
	218	2002/0010870 A1	01/24/02	Gardner	713	300
	219	2002/0171535 A1	11/21/02	Cern	340	310.07
	220	2002/0041228 A1	04/11/02	Zhang	340	310.01
	221	2002/0048368 A1	04/25/02	Gardner	380	277
	222	2002/0060624 A1	05/23/02	Zhang	340	310.01
	223	2002/0080010 A1	06/27/02	Zhang	340	310.06
	224	2002/0095662 A1	07/18/02	Ashlock et al.	717	136
	225	2002/0098867 A1	07/25/02	Meiksen et al.	455	560
	226	2002/0098868 A1	07/25/02	Meiksen et al.	455	560
PL	227	2002/0109585 A1	08/15/02	Sanderson	340	310.01
	228	2002/0171535 A1	11/21/02	Cern	340	310.07
EXAMINER <i>Tulvimer</i>			DATE CONSIDERED <i>8/16/04</i>			

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	229	2003/0007576 A1	01/09/03	Alavi et al.	375	329
	230	2003/0062990 A1	04/03/03	Schaeffer, Jr. et al.	340	310.01
	231	2003/0067910 A1	04/10/03	Razazian et al.	370	352
	232	2003/0160684 A1	08/28/03	Cern	340	310.01
	233	2003/0149784 A1	08/07/03	Ide	709	231
	234	2003/0090368 A1	05/15/03	Ide	340	310.06
	235	2003/0103307 A1	06/05/03	Dostert	361	113
	236	2003/0107477 A1	06/12/03	Ide	340	310.01
	237	S.N. 09/765,910	01/19/01	Kline	-----	-----
	238	S.N. 09/805,638	03/14/01	Kline	-----	-----
	239	S.N. 09/835,532	04/16/01	Kline	-----	-----
	240	S.N. 09/837,972	04/19/01	Kline et al.	-----	-----
	241	S.N. 09/912,633	07/25/01	Kline	-----	-----
	242	S.N. 09/915,459	07/26/01	Kline	-----	-----
	243	S.N. 09/924,730	08/08/01	Kline	-----	-----
	244	S.N. 10/016,998	12/14/01	Kline	-----	-----
	245	S.N. 10/036,914	12/21/01	Mollenkopf et al.	-----	-----
	246	S.N. 10/075,708	02/14/02	Kline	-----	-----
	247	S.N. 10/075,332	02/14/02	Kline	-----	-----

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
TU	248	S.N. 10/150,694	05/16/02	Gidge	-----	-----
	249	S.N. 10/165,992	06/10/02	Kline	-----	-----
	250	S.N. 10/176,500	06/21/02	Pridmore, Jr. et al.	-----	-----
	251	S. N. 10/293,799	11/13/02	Huebner		
	252	S.N. 10/292,745	11/12/02	Cope et al.		
	253	S.N. 10/292,714	11/12/02	Cope		
	254	S.N. 10/315,725	12/10/02	Cope et al.		
	255	S.N. 10/319,317	12/13/02	Mollenkopf et al.		
	256	S.N. 10/348,164	01/21/03	Cope et al.		
	257	S.N. 10/385,899	03/10/03	Mollenkopf		
	258	S.N. 10/436,778	05/13/03	Giannini et al.		
	259	S.N. 10/434,024	05/08/03	Corcoran et al.		
	260	S.N. 10/626,308	07/23/03	Berkman et al.		
✓	261	S.N. 10/641,689	08/14/03	White, II et al.		

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U.S. Department of Commerce Patent and Trademark Office		Filing Date September 30, 2003	Group 2631

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation
					YES
					NO
✓	262	100 08 602 A1	06/07/01	DE	X abstract & Ind. Claim
	263	100 12 235 C2	12/20/01	DE	X abstract & Ind. Claim
	264	100 26 930 C2	01/30/03	DE	X abstract & Ind. Claim
	265	100 26 931 C2	01/23/03	DE	X abstract & Ind. Claim
	266	100 42 958 C2	01/16/03	DE	X abstract & Ind. Claim
	267	100 47 648 A1	04/25/02	DE	X abstract & Ind. Claim
	268	100 48 348 C2	11/28/02	DE	X abstract & Ind. Claim
	269	100 59 564 A1	09/12/02	DE	X abstract & Ind. Claim
	270	100 61 584 A1	06/20/02	DE	X abstract & Ind. Claim
	271	100 61 586 A1	06/20/02	DE	X abstract & Ind. Claim
	272	101 00 181 A1	07/18/02	DE	X abstract & Ind. Claim
	273	101 03 530 A1	08/29/02	DE	X abstract & Ind. Claim
	274	101 46 982 C1	06/18/03	DE	X abstract & claims
	275	101 47 913 C1	07/03/03	DE	X abstract & claims
	276	101 47 915 C1	06/23/03	DE	X abstract & claims
	277	101 47 916 C1	05/28/03	DE	X abstract & claims
	278	101 47 918 A1	04/24/03	DE	X abstract & claims
	279	101 190 039 A1	12/05/02	DE	X abstract & Ind. Claim
✓	280	101 190 040 A1	12/05/02	DE	X abstract & Ind. Claim

EXAMINER

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U.S. Department of Commerce Patent and Trademark Office		Filing Date September 30, 2003	Group 2631

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
JV	281	197 28 270 A1	01/07/99	DE	X abstract	
	282	0 141 673 A2	05/15/85	EP		
	283	0 470 185 B1	11/29/95	EP		
	284	0 581 351 A1	02/02/94	EP		
	285	0 913 955 A2	05/06/99	EP	X abstract	
	286	0 916 194 B1	09/26/01	EP		
	287	0 948 143 A2	10/06/99	EP	X abstract	
	288	0 959 569 A1	11/24/99	EP	X abstract	
	289	1 011 235 A2	6/21/00	EP		
	290	1 011 235 A3	05/02/02	EP		
	291	1 014 640 A2	06/28/00	EP		
	292	1 014 640 A3	07/03/02	EP		
	293	1 021 866 B1	10/23/02	EP		
	294	0 822 721 A2, A3	02/04/98	EP	X abstract & Ind. Claim	
	295	0 933 883 A2, A3	08/04/99	EP	X abstract & Ind. Claim	
	296	1 043 866 A2, A3	10/11/00	EP	X abstract & Ind. Claim	
	297	1 075 091 A1	02/07/01	EP	X abstract & Ind. Claim	
	298	1 213 849 A1	06/12/02	EP	X abstract & Ind. Claim	
✓	299	1 217 760 A1	06/26/02	EP	X abstract & Ind. Claim	

EXAMINER

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FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation
					YES
					NO
DL	300	1 251 646 A2	10/23/02	EP	X abstract & Ind. Claim
/	301	1 253 699 A2	10/30/02	EP	X abstract & Ind. Claim
/	302	2 122 920 A1	12/16/98	ES	X abstract
/	303	2 326 087	07/15/76	FR	X abstract
/	304	1 548 652	07/18/79	GB	
/	305	2 101 857 A	01/19/83	GB	X
/	306	2 293 950 A	04/10/96	GB	
/	307	2 315 937 A	02/11/98	GB	
/	308	2 331 683 A	05/26/99	GB	
/	309	2 335 335 A	09/15/99	GB	
/	310	2 341 776 A	03/22/00	GB	
/	311	2 342 264 A	04/05/00	GB	
/	312	2 347 601 A	09/06/00	GB	
/	313	1276933	11/07/89	JP	
/	314	276741	07/28/98	NZ	
/	315	84/01481 A1	04/12/84	WO	
/	316	90/13950 A2	11/15/90	WO	
✓	317	92/16920 A1	10/01/92	WO	
/	318	93/07693 A1	04/15/93	WO	

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FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation
					YES
					NO
T	319	95/29536 A1	11/02/95	WO	
	320	98/01905 A1	01/15/98	WO	
	321	98/33258 A2	07/30/98	WO	
	322	98/33258 A3	07/30/98	WO	
	323	98/40980 A1	09/17/98	WO	
	324	00/59076 A1	10/05/00	WO	
	325	00/60701 A1	10/12/00	WO	
	326	01/08321 A1	02/01/01	WO	X abstract & Ind. Claim
	327	01/43305 A1	06/14/01	WO	X abstract
	328	01/82497 A1	11/01/01	WO	
	329	02/054605 A1	07/11/02	WO	
	330	99/59261 A1	11/18/99	WO	X abstract
	331	00/16496 A2	03/23/00	WO	X abstract & Claims
	332	00/60822 A1	10/12/00	WO	X abstract & Claims
	333	01/08321 A1	02/01/01	WO	X abstract & Ind. Claim
	334	01/50625, A2, A3	07/12/01	WO	X abstract & Ind. Claim
	335	01/50628 A1	07/12/01	WO	X abstract & Ind. Claim
	336	01/50629 A1	07/12/01	WO	X abstract & Ind. Claim
V	337	01/63787 A1	08/30/01	WO	X abstract & Ind. Claim

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DATE CONSIDERED

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U.S. Department of Commerce Patent and Trademark Office		Filing Date September 30, 2003	Group 2631

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
JL	338	02/17509 A1	02/28/02	WO	X abstract & Ind. Claim	
	339	02/37712 A1	05/10/02	WO	X abstract & Claims	
	340	02/089352 A1	11/07/02	WO		
	341	02/089353 A1	11/07/02	WO		
	342	03/30396 A2	04/10/03	WO	X abstract & Claims	
	343	03/034608 A2	04/24/03	WO		
✓	344	03/040732 A2	05/15/03	WO		

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Examiner Initial				OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
<i>P</i>	345	Patent Abstracts of Japan, Japanese Publication No. 10200544 A2, published July 31, 1998, (Matsushita Electric Works, LTD)		
	346	Tohoku Electric Power, Co., Inc., "Tohoku Electric Develops High-Speed Communications System Using Power Distribution Lines," <i>Tohoku Currents, Spring 1998, 8(1)</i> , 2 pages (http://www.tohoku-epco.co.jp/profil/kurozu/c_vol8_1/art04.htm)		
	347	Power Line Communications Conference entitled, "PLC, A New Competitor in Broadband Internet Access," December 11-12, 2001, Washington, D.C., 60 pages		
	348	Rivkin, S. R., "Co-Evolution of Electric & Telecommunications Networks," <i>The Electricity Journal, May 1998</i> , 71-76		
	349	Marketing Assessment Presentation entitled "Powerline Telecommunications," The Shpigler Group for CITI PLT, July 16, 2002, 9 pages		
	350	Campbell, C., presentation entitled "Building a Business Case for PLC: Lessons Learned From the Communication Industry Trenches," KPMG Consulting, July 16, 2002, 5 pages		
	351	"Embedded Power Line Carrier Modem," Archnet Electronic Technology, http://www.archnetco.com/english/product/ATL90.htm , 2001, 3 pages		
	352	"Archnet: Automatic Meter Reading System Power Line Carrier Communication", www.archnetco.com/english/product/product_st.htm , 2001, 3 pages		
	353	"Power Line Communications Solutions", www.echelon.com/products/oem/transceivers/powerline/default.htm , 2002, 2 pages		
	354	"Texas Instruments: System Block Diagrams; Power Line Communication (Generic)", 1995 http://focus.ti.com/docs/apps/catalog/resources/blockdiagram.jhtml?bdId=638 , 1 page		
	355	Feduschak, N.A., "Waiting in the Wings: Is Powerline Technology Ready to Compete with Cable?", March 2001, www.cabletoday.com/ic2/archives/0301/0301powerline.htm , 5 pages		
<i>↓</i>	356	"Signalling on Low-Voltage Electrical Installations in the Frequency Band 3kHz to 148.5kHz-Part 4: Filters at the Interface of the Indoor and Outdoor Electricity Network", <i>CLC SC 105A (Secretariat) May 1992</i> , 62, 1-11		

EXAMINER

DATE CONSIDERED

8/18/04

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U.S. Department of Commerce Patent and Trademark Office		Filing Date September 30, 2003	Group 2631

Examiner Initial	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
JL	357	"Intellon Corporation Test Summary for Transformerless Coupler Study", <i>Intellon No News Wires</i> , December 24, 1998, DOT/NHTSA Order No. DTNH22-98-P-07632, pp 1-18	
	358	EMETCON Automated Distribution System, ABB Power T & D Company, Inc., January 1990, Raleigh, North Carolina, No B-919A, 14 pages	
	359	"Dedicated Passive Backbone for Power Line Communications", <i>IBM Technical Disclosure Bulletin</i> , July 1997, 40(7), 183-185	
	360	Coaxial Feeder Cables [Engineering Notes]", <i>PYE Telecommunications Limited Publication Ref No. TSP507/1</i> , June 1975, Cambridge, England, 15 pages	
	361	"Centralized Commercial Building Applications with the Lonworks ® PLT-21 Power Line Transceiver", <i>Lonworks Engineering Bulletin</i> , Echelon, April 1997, pp 1-22	
	362	"Plexeon Logistics, Inc., "Power Line Communications", www.plexeon.com/power.html , 2 pages, 1998	
	363	"EMETCON Automated Distribution System: Communications Guide", <i>Westinghouse ABB Power T & D Company Technical Manual 42-6001A</i> , September 1989, 55 pages	
	364	Abraham, K.C. et al., "A Novel High-Speed PLC Communication Modem", <i>IEEE Transactions on Power Delivery</i> , 1992, 7(4), 1760-1768	
	365	J.M. Barstow., "A Carrier Telephone System for Rural Service", <i>AIEE Transactions</i> , 1947, 66, 301-307	
	366	Chang, S.S.L., "Power-Line Carrier", <i>Fundamentals Handbook of Electrical and Computer Engineering</i> ", Volume II-Communication, Control, Devices and Systems, John Wiley & Sons, 617-627	
	367	Chen, Y-F. et al. "Baseband Transceiver Design of a 128-Kbps Power-Line Modem for Household Applications", <i>IEEE Transactions on Power Delivery</i> , 2002, 17(2), 338-344	
✓	368	Coakley, N.G. et al., "Real-Time Control of a Servosystem Using the Inverter-Fed Power Lines to Communicate Sensor Feedback", <i>IEEE Transactions on Industrial Electronics</i> , 1999, 46(2), 360-369	

EXAMINER	<i>J. Mollenkopf</i>	DATE CONSIDERED	<i>8/18/04</i>
----------	----------------------	-----------------	----------------

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U.S. Department of Commerce Patent and Trademark Office		Filing Date September 30, 2003	Group 2631

Examiner Initial OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
TL	369	Esmailian, T. et al., "A Discrete Multitone Power Line Communication System", <i>Department of Electrical and Computer Engineering</i> , University of Toronto, Ontario Canada, 2000 IEEE , pp 2953-2956	
	370	Kawamura, A. et al., "Autonomous Decentralized Manufacturing System Using High-speed Network with Inductive Transmission of Data and Power", <i>IEEE</i> , 1996 , 940-945	
	371	Kilbourne, B. "EEI Electric Perspectives: The Final Connection", www.eei.org/ep/editorial/Jul-01/0701conenct.htm , 7 pages, July/August 2001	
	372	Kim, W-O., et al., "A Control Network Architecture Based on EIA-709.1 Protocol for Power Line Data Communications", <i>IEEE Transactions on Consumer Electronics</i> , 2002 , 48(3), 650-655	
	373	Lim, C.K. et al., "Development of a Test Bed for High-Speed Power Line Communications", School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore, <i>IEEE</i> , 2000 , 451-456	
	374	Lokken, G. et al., "The Proposed Wisconsin electric Power Company Load Management System Using Power Line Carrier Over Distribution Lines", <i>1976 National Telecommunications Conference</i> , <i>IEEE</i> , 1976 , 2.2-12.2-3	
	375	Marthe, E. et al., "Indoor Radiated Emission Associated with Power Line Communication Systems", <i>Swiss Federal Institute of Technology Power Systems Laboratory IEEE</i> , 2001 , 517-520	
	376	Naredo, J.L. et al., "Design of Power Line Carrier Systems on Multitransposed Delta Transmission Lines", <i>IEEE Transactions on Power Delivery</i> , 1991 , 6(3), 952-958	
	377	Nichols, K., "Build a Pair of Line-Carrier Modems", <i>CRC Electronics-Radio Electronics</i> , 1988 , 87-91	
	378	Okazaki, H. et al., "A Transmitting, and Receiving Method for CDMA Communications Over Indoor Electrical Power Lines", <i>IEEE</i> , 1998 , pp VI-522-VI-528	
	379	B. Don Russell, "Communication Alternatives for Distribution Metering and Load Management", <i>IEEE Transactions on Power Apparatus and Systems</i> , 1980 , Vol PAS-99(4), pp 1448-1455	
✓	380	Sado, WN. et al., "Personal Communication on Residential Power Lines-Assessment of Channel Parameters", <i>IEEE</i> , 532-537	
✓	381	LONWORKS Engineering Bulletin, "Demand Side Management with LONWORKS® Power Line Transceivers," December 1996 , 36 pages	

EXAMINER	<i>James Douglas Mollenkopf</i>	DATE CONSIDERED	<i>8/8/04</i>
----------	---------------------------------	-----------------	---------------

Form PTO-1449 Modified		Docket No. CRNT-0206	Serial No. 10/675,409
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U.S. Department of Commerce Patent and Trademark Office		Filing Date September 30, 2003	Group 2631

Examiner**Initial****OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

382	HomePlug™Powerline Alliance, HomePlug Initial Draft Medium Interface Specification, May 19, 2000 , 109 pages
383	HomePlug™Powerline Alliance, HomePlug 0.5 Draft Medium Interface Specification, November 28, 2000 , 133 pages
384	HomePlug™Powerline Alliance, HomePlug Initial Draft Medium Interface Specification, July 27, 2000 , 109 pages
385	HomePlug™Powerline Alliance, HomePlug 1.01 Specification, December 1, 2001 , 139 pages
386	Summary of an IEEE Guide for Power-Line Carrier Applications, A Report by the Power System Communications Committee, <i>IEEE Transactions on Power Apparatus and Systems</i> , Vol. PAS-99, No. 6, Nov./Dec. 1980, pp. 2334-2337
387	De Wilde, W. R. et al., "Upwards to a Reliable Bi-Directional Communication Link on the LV Power Supplies for Utility Services: Field Tests in Belgium," pp. 168-172
388	Tanaka, M., "Transmission Characteristics of a Power Line Used for Data Communications at High Frequencies," <i>IEEE Transactions on Consumer Electronics</i> , February 1989, Vol. 35, No. 1, pp. 37-42
389	Hasler, E. F. et al., "Communication Systems Using Bundle Conductor Overhead Power Lines," <i>IEEE Transactions on Power Apparatus and Systems</i> , March/April 1975, Vol. PAS-94, No. 2, pp. 344-349
390	IEEE Guide for Power-Line Carrier Applications, ANSI/IEEE Std 643-1980, ©1980 by The Institute of Electrical and Electronics Engineers, Inc., pp. 1-80
391	Hatori, M. et al., "HOME INFORMATIZATION AND STANDARDIZATION OF HOME BUS," <i>IEEE Transactions on Consumer Electronics</i> , August 1986, Vol. CE-32, No. 3, pp. 542-549
392	Hunt, J. M. et al., "Electrical Energy Monitoring and Control System for the Home," <i>IEEE Transactions on Consumer Electronics</i> , August 1986, Vol. CE-32, No. 3, pp. 578-583
393	Gutzwiller, F. W. et al., "Homenet: A Control Network for Consumer Applications," <i>IEEE Transactions on Consumer Electronics</i> , August 1983, Vol. CE-29, No. 3, pp. 297-304
394	Burrascano, P. et al., "Digital Signal Transmission on Power Line Carrier Channels: An Introduction," <i>IEEE Transactions on Power Delivery</i> , January 1987, Vol. PWRD-2, No. 1, pp. 50-56

EXAMINER**DATE CONSIDERED**

8/18/04

Form PTO-1449 Modified		Docket No. CRNT-0206	Serial No. 10/675,409
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U.S. Department of Commerce Patent and Trademark Office		Filing Date September 30, 2003	Group 2631

Examiner	Initial	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	395	Burr, A. G. et al., "Effect of HF Broadcast Interference on PowerLine Telecommunications Above 1 Mhz," ©1998 IEEE, pp. 2870-2875	
	396	Onunga, J. et al., "Distribution Line Communications Using CSMA Access Control with Priority Acknowledgements," IEEE Transactions on Power Delivery, April 1989, Vol. 4, No. 2, pp. 878-886	
	397	Tanaka, M., "High Frequency Noise Power Spectrum, Impedance and Transmission Loss of Power Line in Japan on Intrabuilding Power Line Communications," IEEE Transactions on Consumer Electronics, May 1988, Vol. 34, No. 2, pp. 321-326	
	398	Meng, H. et al., "A Transmission Line Model for High-Frequency Power Line Communication Channel," ©2002 IEEE, pp. 1290-1295	
	399	Burascano, P. et al., "Performance Evaluation of Digital Signal Transmission Channels on Coronating Power Lines," ©1988 IEEE, pp. 365-368	
	400	DiClementi, D. A. et al., "Electrical Distribution System Power Line Characterization," ©1996 IEEE, pp. 271-276	
	401	Abraham, K. C. et al., "A Novel High-Speed PLC Communication Modem," IEEE Transactions on Power Delivery, October 1992, Vol. 7, No. 4, pp. 1760-1768	
	402	Yoshitoshi, M. et al., "PROPOSED INTERFACE SPECIFICATIONS FOR HOME BUS," IEEE Transactions on Consumer Electronics, August 1986, Vol. CE-32, No. 3, pp. 550-557	
	403	O'Neal, Jr., J. B., "The Residential Power Circuit as a Communication Medium," IEEE Transactions on Consumer Electronics, August 1986, Vol. CE-32, No. 3, pp. 567-577	
	404	Dostert, K., "EMC Aspects of High Speed Powerline Communications," Proceedings of the 15 th International Wroclaw Symposium and Exhibition on Electromagnetic Capability, June 27-30, 2000; Wroclaw, Poland, pp. 98-102	
	405	Piety, R. A., "Intrabuilding Data Transmission Using Power-Line Wiring," Hewlett-Packard Journal, May 1987, pp. 35-40	
	406	"ABB joins Main.net's subsidiary, PPC, as shareholder and strategic partner for Power Line Communications," Mannheim, Germany/Kfar Saba, Israel, October 8th, 2002, 2 pages	
	407	International Search dated July 16, 2001, from PCT/US01/12699	
	408	Written Opinion dated May 15, 2002, from PCT/US01/12699	

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-----------------	----------------------	------------------------	----------------

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U.S. Department of Commerce Patent and Trademark Office		Filing Date September 30, 2003	Group 2631
Examiner Initial OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
JC	409	International Search Report dated October 22, 2001, from PCT/US01/12291	
	410	International Search Report dated June 5, 2002, from PCT/US01/48064	
	411	International Search Report dated June 24, 2002, from PCT/US02/04310	
	412	Written Opinion dated August 20, 2003, from PCT/US02/04310	
	413	International Search Report dated August 7, 2002, from PCT/US02/04300	
✓	414	Written Opinion dated March 21, 2003, from PCT/US02/04300	
	415	International Search Report dated May 2, 1991, from PCT/US01/01810	

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